



UNITED STATES PATENT AND TRADEMARK OFFICE

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>09/378666</b>	FILING/RECEIPT DATE <b>08/20/1999</b>	FIRST NAMES APPLICANT <b>WATSON, DAVID JOHN</b>	ATTORNEY DOCKET NUMBER <b>60046/JPW/JH</b>
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**JOHN P WHITE  
COOPER & DUNHAM LLP  
1185 AVENUE OF THE AMERICAS  
NEW YORK NY 10036**

Examiner  
**NGUYEN, SANG**  
Art Unit  
**2877**

Date Mailed: 4-1-04

**Notice Regarding Drawings** *Drawings: 6/1/2004*

Corrected drawings for the above-identified application, received in the USPTO on 8-20-99 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

**RETURN CORRECTED DRAWINGS TO:**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

**Steven Fields  
Office of Patent Publication  
Publishing Division  
(703) 305-8404**

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 8/20/99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable

categories of drawings: Black ink or  
 Color (3 sets required).

☐ Color drawings are not acceptable until petition is  
 granted. Fig(s) \_\_\_\_\_

☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of  
 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

☐ Erasures, alterations, overwritings, interlineations,  
 folds, copy machine marks not accepted.

Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable

sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) 1-5, 7, 8, 9

Top (T) ☒ Left (L)

Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to  
 correspond to drawing changes, e.g., if Fig. 1 is  
 changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the  
 specification, at the Brief Description of the Drawings,  
 must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with  
 Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right  
 fashion when page is either upright or turned so  
 that the top becomes the right side, except for  
 graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism  
 without crowding when drawing is reduced in  
 size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and  
 well defined, clean, durable, and black (poor line  
 quality). Fig(s) 1-9

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☒ Solid black shading not permitted. Fig(s) 3, 4, 6

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and  
 legible. Fig(s) 1-9

☒ Figure legends are poor. Fig(s) 1-9  
☐ Numbers and reference characters not oriented in  
 the same direction as the view. 37 CFR 1.84(p)(1)  
 Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2)  
 Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be  
 at least 32 cm (1/8 inch) in height. 37 CFR  
 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic  
 numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic  
 numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except  
 when used to represent the color black as well as  
 color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**Reviewer S. Felder

If you have questions, call (703) 305-8404.

Date 4/1/04

Attachment to Paper No. \_\_\_\_\_